

Abstract of the disclosure

This invention presents a magnetic recording disk where an anisotropy-allowing layer to allow magnetic anisotropy to a magnetic recording layer is provided between a substrate and the magnetic recording layer. This invention also presents a magnetic-recording-disk manufacturing method comprising a step to prepare an anisotropy-allowing layer to allow magnetic anisotropy to a magnetic recording layer, prior to a step to prepare the magnetic recording layer. This invention also presents a magnetic-recording-disk manufacturing system comprising an anisotropy-allowing-layer preparation chamber, in which an anisotropy-allowing layer to allow magnetic anisotropy to a magnetic recording layer is prepared on a substrate, prior to preparation of the magnetic recording layer. In this invention, the anisotropy-allowing layer is made of; nitride of niobium, tantalum, niobium alloy or tantalum alloy, or nitride-including niobium, tantalum, niobium alloy or tantalum alloy.

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